1 VQE results Aer Estimator (No Shots)

		(Full Hamiltonian)		Double Well $\Lambda = 32$		COYBLA Max 10K Iteration		ons	
Ansatz	Tolerance	Converged runs	Mean iter	VQE min E.	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time
RA r1 rl	1e-01	100/100	102	1.3895e+00	4.979e - 01	4.2672e+00	3.3755e+00	$8.9163237056e{-01}$	00h 00m 36s
RA r1 rl	1e - 02	100/100	469	$9.1659e{-01}$	$2.4956e{-02}$	1.0899e+00	$1.9827e{-01}$	-	$00h\ 02m\ 56s$
RA r1 rl	1e - 03	100/100	1992	$8.9462e{-01}$	2.9837e - 03	$9.1682e{-01}$	$2.5191e{-02}$	-	$00h\ 11m\ 13s$
RA r1 rl	$1e{-04}$	91/100	5030	$8.9344e{-01}$	1.8079e - 03	$8.9386e{-01}$	$2.2276e{-03}$	-	$00h\ 24m\ 40s$
RA r1 rl	1e - 05	65/100	6644	8.937e - 01	2.067e - 03	$8.937e{-01}$	$2.0681e{-03}$	-	00h 32m 39s
RA r1 rl	1e - 06	30/100	7012	8.937e - 01	$2.0668e{-03}$	8.937e - 01	$2.0668e{-03}$	-	00h 37m 56s
RA r1 rl	1e - 07	15/100	8186	8.937e - 01	$2.0668e{-03}$	8.937e - 01	$2.0668e{-03}$	-	$00h\ 41m\ 05s$
RA r1 rl	$1e{-08}$	20/100	8812	8.937e - 01	$2.0668e{-03}$	$9.1479e{-01}$	$2.3156e{-02}$	-	$00\mathrm{h}~40\mathrm{m}~50\mathrm{s}$
Ansatz	Tolerance	Converged runs	Mean iter	VQE min E.	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time

Table 1